

B1
On pages i and 1, replace the title of the invention with the following title:

**METHODS FOR TREATING CEREBRAL ISCHEMIA BY PERIPHERALLY ADMINISTERED
ERYTHROPOIETIN**

B2
On page 7, replace the second paragraph with the following paragraph:

FIG. 3A-C. A. The results of an experiment which demonstrates that peripherally-administered EPO pretreatment reduces seizure severity and protects mice from convulsions and death by the neurotoxin kainate. The numbers in parentheses under each column indicate the number of animals receiving each kainate dose. B shows that the protective effects of peripherally-administered EPO increase with daily administration of EPO. C illustrates that the onset of action of EPO is delayed, characteristic of the induction of a gene expression program.

IN THE CLAIMS:

Please amend the claims as set forth below. A marked-up version of claim amendments is attached hereto as Exhibit B. A copy of the pending claims is provided as Exhibit C.

Amend Claims 28, 30, and 34 to read as follows:

B3
28 (amended) A method for treating cerebral ischemia in a mammal comprising peripherally administering to said mammal a non-toxic amount of erythropoietin effective to exert a neuroprotective effect.

B4
30. (amended) The method of Claim 29 wherein said vascular administration is intravenous.

B5
34. (amended) A method for treating cerebral ischemia in a mammal comprising peripherally administering to said mammal a non-toxic amount of erythropoietin effective to exert a neuroprotective effect.

Add new Claims 35-39 as follows: